

Abstract

A dish assembly is disclosed which has a central hub, an outer rim member, and a plurality of concentric arcuate structural members comprising at least an inner and an outer arcuate structural members extending from the central hub to the outer rim member, each of the arcuate structural members having an upper channel member, a lower channel member, an inner arcuate surface and an outer arcuate surface which cooperate to constitute a box section configuration and wherein said each upper and lower channel member comprises a channel base and a pair of channel flanges, and the inner and outer arcuate surfaces of each of the arcuate structural members are abutted such that a gravitational or wind load is transferred from the outer arcuate structural member to the adjoining inner arcuate structural member via a fin disposed on the inner arcuate surface of each of the arcuate structural members.